

# 80 PLUS Verification and Testing Report

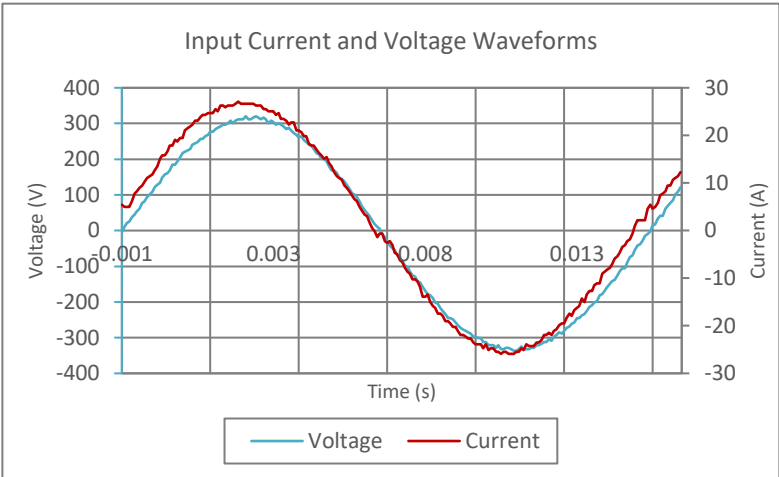
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>94.98%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>94.26%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	SO-1752.4
<b>Manufacturer</b>	CHINA GREATWALL TECHNOLOGY GROUP CO., LTD
<b>Model Number</b>	GW-CRPS800N2WM
<b>Serial Number</b>	2K04C400096
<b>Year</b>	2020
<b>Type</b>	OTHER, CRPS
<b>Test Date</b>	08/10/20

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	60/50	Hz
Rated Output Power	800	Watts

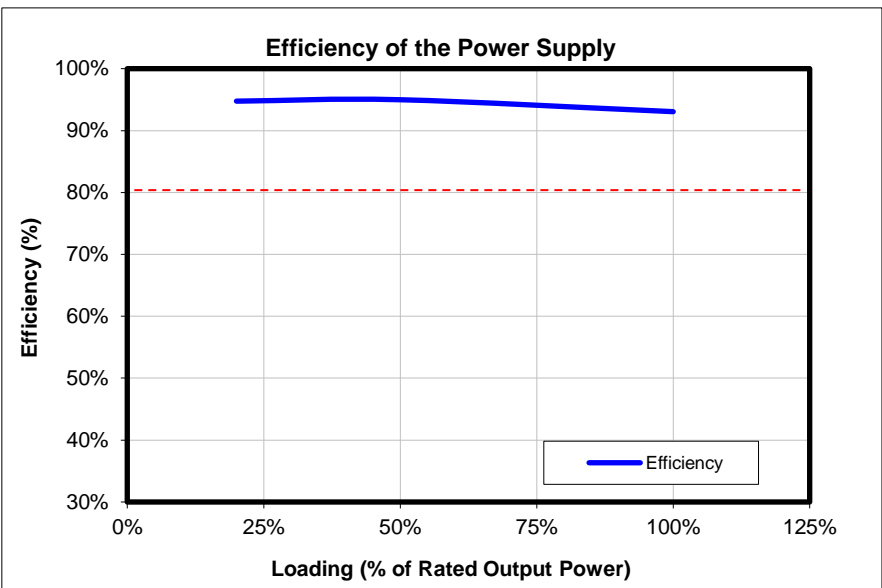
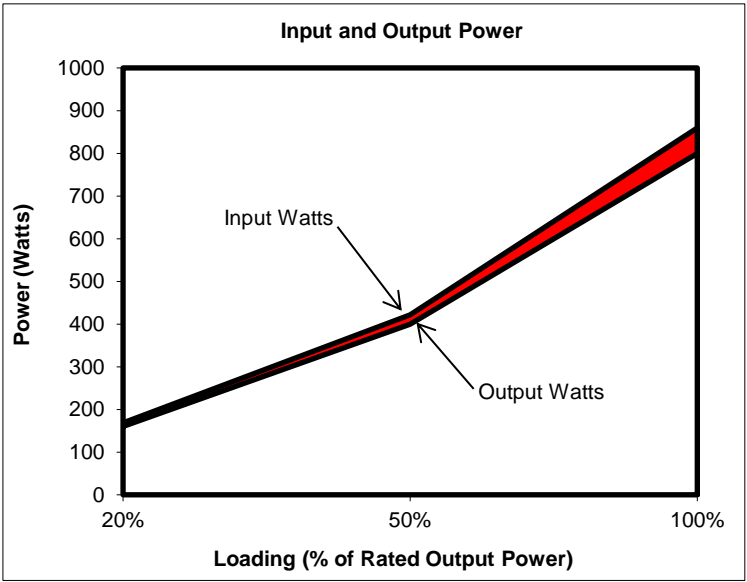
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 2.29%, 50% Load)

I <sub>RMS</sub>	PF	I <sub>THD</sub>	Load	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)	Output Watts	Efficiency
							12.2V		
0.41	0.92	7.43%	10%	Low	87	0.84	12.17/6.57	80	92.46%
0.76	0.97	5.60%	20%	Light	169	0.84	12.17/13.15	160	94.75%
1.84	0.99	2.29%	50%	Typical	421	1.08	12.17/32.87	400	94.98%
3.74	1.00	1.63%	100%	Full	859	3.00	12.17/65.73	800	93.05%

\* Fan power is not included in the efficiency calculations



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS® Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. <http://www.80plus.org/>

